Atmosphere Investigation Surface Ozone Data Sheet

* Required Field

School Name:Observer names:	Study Site:						
Observer Harries.							
Ozone Strip Exposed at:							
Date: Year Month Day	Universal Time (hour:min):						
Ozone Strip Measured at:	Universal Time (hour:min):						
Date: realBay	_ Criticisal Fillic (nodr.min).						
*Surface Ozone (ppb)							
Comments:							
*D (////	n						
*Data (When Ozone Strip was Exposed	3)						
*Air Temperature (°C):							
Relative Humidity							
(Select instrument used):							
,	□ Digital Hygromotor						
Sling Psychrometer	Digital Hygrometer						
Dry bulb temperature (°C):	Ambient air temperature (°C):						
Wet bulb temperature (°C):	Relative Humidity (%):						
Comments:							

*Sky Conditions (next page):

Study Site:	Date:		Time (UT):	
Total Cloud/Contrail Con O Sky is Obscured None (Go to box 2) O Sca Few(<10%) Broil Isolated (10-25%) Ove	ittered (25-50%) ken (50-90%)	O Blow	yy Snow O Smoke ing Snow O Dust	O Haze O Volcanic Ash Go to box 6
2. Sky Color and Visibility				
Color (Look Up): Cannot Observed Visibility (Look Across): Cannot Observed	•		Light Blue OPale E Somewhat Hazy OVery I	Blue OMilky Hazy OExtremely Hazy
3. High Level Clouds No High Level Clouds Observ (Go to box 4) Cloud Type: Contrails (number of): Cirrus Cirrocumulus Cirrostratus	# # * P	persistent opersistent opersis	oud Cover: Few (<10%) Isolated (10%-25%) Scattered (25%-50%) Broken (50%-90%) Overcast (>90%)	Translucent Transparent
4. Mid Level CloudsNo Mid Level Clouds ObserveCloud Type:Altocur	ed (Go to box 5)	Scattered	(<10%) (10%-25%) (25%-50%) (50%-90%)	Visual Opacity: Opaque Translucent Transparent
 5. Low Level Clouds No Low Level Clouds Observed Cloud Type: Fog Nimbostratus Cumulonimbus Stratos 	red (Go to box 6)	Cloud Cover Few Isolated Scattered Broken Overcast	(<10%) (10%-25%) (25%-50%) (50%-90%)	Visual Opacity: Opaque Translucent Transparent
Standing Water O Lea	Yes Ground ves on Trees	Tem Bard	Optional: I may submit any or a I perature:°C I perature Pressure:mb I ative Humidity:%	

Atmosphere Investigation: Surface Ozone Data Sheet - Page 3		* Required Fig	
Study Site: I	Date:	Time (UT):	
Comments:			
*Wind *Instrument (Check one): □ CLOPE	Instrument	□ Automated Instrument	
*Instrument (Check one): ☐ GLOBE 0 to10% ☐ 10 to 25%			
*Direction (Check One):	North		
Northwest 🖵		☐ Northeast	
West □	37 %	□ East	
Southwest 🗆	South	☐ Southeast	
Comments:			
*Data (When Ozone Strip was M *Air Temperature (°C):	easured)		
Relative Humidity (Select instrument used):			
☐ Sling Psychrometer		☐ Digital Hygrometer	
Dry bulb temperature (°C):		ent air temperature (°C):	
Wet bulb temperature (°C):	Relat	ive Humidity (%):	
Comments:			
*Sky Conditions (next page):			

GLOBE® 2018 Appendix - 23 Atmosphere

6. Surface Conditions

Mandatory:

Yes No

Yes No Snow/Ice 0 **Dry Ground** 0 Standing Water O Leaves on Trees

Muddy Raining/Snowing O 0

Optional:

You may submit any or all

Temperature: °C Barometric Pressure: mb Relative Humidity: ____%



0

Atmosphere Investigation: Surface Ozone Data Sheet - Page 5			* Required Field		
Study Site:		Date:	Time (UT): _		
Comments:					
•	neck one): ☐ GLOBI ☐ 10 to 25%		☐ Automated Instrume	ent	
0 10 10 70	10 10 23 76	2 5 to 50 %	3 > 30 / 0		
*Direction (Che	ck One):	North			
	Northwest 🗖		□ Northeast		
	West □	1/4 N	□ East		
	Southwest 🗖	☐ South	☐ Southeast		
Comments:					